

WHAT IS CLAIMED IS:

1. A medical device comprising:
 - an implantable structure;
 - 5 a basecoat matrix, including a combination of rapamycin and mycophenolic acid, in therapeutic dosages, incorporated in a first polymeric material, the basecoat matrix being affixed to the surface of the implantable medical device; and
 - a topcoat, including a second polymeric material, affixed to the basecoat matrix for controlling the elution rate of the rapamycin and mycophenolic acid.
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2. The medical device according to claim 1, wherein the implantable structure comprises a stent.
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3. The medical device according to claim 1, wherein the implantable structure comprises a stent-graft.
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4. The medical device according to claim 1, wherein the implantable structure comprises an anastomosis device.
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5. The medical device according to claim 1, wherein the second polymeric material is incompatible with the first polymeric material, thereby creating both a physical and chemical barrier to the elution of the rapamycin and mycophenolic acid.
6. The medical device according to claim 5, wherein the first polymeric material comprises a fluoropolymer.
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7. The medical device according to claim 5, wherein the second polymeric material comprises an acrylic.

8. A method for treating restenosis comprising the local administration of therapeutic dosages of rapamycin and mycophenolic acid from a two-layered polymeric matrix including incompatible polymers.

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9. A medical device comprising:
an implantable structure;
a basecoat matrix, including mycophenolic acid, in therapeutic dosages, incorporated in a first polymeric matrix, the basecoat matrix being affixed to the surface of the implantable medical device; and
a topcoat, including a second polymeric material and rapamycin, in therapeutic dosages, affixed to the basecoat matrix for controlling the elution rate of the rapamycin and the mycophenolic acid.

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